

State of Alaska
Department of Fish and Game
Nomination for Waters Important to Anadromous Fish

AWC Volume **SW**

USGS Quad

Port Moller B-2

Anadromous Water Catalog Number of Waterway

282-12-10909

Name of Waterway

USGS name

Local name Zachary Bay-Unga I.

Addition Yes

Deletion

Correction

Backup Information

For Office Use

Nomination # 99 196

Revision Year:

Revision to:

Atlas

Catalog

Both

X

Revision Code:

A-2

[Signature]

Regional Supervisor

[Signature]

AWC Project Biologist

[Signature]

Drafted

1/10/2000

Date

11/10/99

Date

2/4/00

Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: See data provided on stream number 282-1209

Stream mouth: 55° 19' 23.0" or 55.323051° and 160° 37' 35.5" or -160.626528°

Upper Salmon Limit: 55° 18' 53.0" or 55.314723° and 160° 37' 34.6" or -160.626271°

Section = 21 Town = 56 S Range = 74 W S.M.

ALASKA DEPT. OF
FISH & GAME

SEP 30 1999

REGION II
HABITAT AND RESTORATION
DIVISION

Name of Observer (please print)

Date:

Signature:

Address:

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist:

[Signature]

9/27/99

Revision 7/93

Prepared by:

James N. McCullough

September 20, 1999

Regional (Blackburn's) database, 20 September, 1999.

Zachary Bay 1209; 1st Stream South of Quartz Point

Date	Observer	Location	Visibility	Species					Observer Remarks
				Chinook	Sockeye	Coho	Pink	Chum	
08/06/1962	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. MIGHT BE A SPAWNING STREAM.
		Mouth		0	0	0	1,750	0	
		Bay		0	0	0	0	0	
08/17/1962	Glenn Davenport	Stream		0	0	0	100	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/30/1962	Glenn Davenport	Stream		0	0	0	200	0	DISTANCE SURVEYED: 1/4 MILE. SPAWNING.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/22/1963	Glenn Davenport	Stream		0	0	0	0	0	
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/10/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. POOR LIGHT.
		Mouth		0	0	0	0	300	
		Bay		0	0	0	0	0	
08/31/1963	Glenn Davenport	Stream		0	0	0	200	0	DISTANCE SURVEYED: 1/8 MILE. SPAWNED OUT AND DYING.
		Mouth		0	0	0	50	0	
		Bay		0	0	0	0	0	
07/30/1964	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

08/14/1964		Stream	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
	Glenn Davenport	Mouth	0	0	0	150	0	
		Bay	0	0	0	0	0	
08/31/1964		Stream	0	0	0	50	0	DISTANCE SURVEYED: 1/4 MILE. VERY POOR LIGHT.
	Glenn Davenport	Mouth	0	0	0	0	0	NOTE: IN ZACHARY BAY STREAMS, COUNTS ON 8/31/64
		Bay	0	0	0	0	0	ARE LOW BECAUSE OF VERY POOR LIGHT AND SPAWNED DEAD FISH WERE ALREADY WASHED OUT INTO THE BAY - HENCE NOT ALL WERE SEEN.
07/24/1965		Stream	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
	Ken Durley	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/01/1965		Stream	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
	Ellis King	Mouth	0	0	0	200	0	
		Bay	0	0	0	0	0	
08/08/1965		Stream	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
	Ken Durley	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/10/1965		Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Ken Durley	Mouth	0	0	0	300	0	
		Bay	0	0	0	0	0	
08/25/1965		Stream	0	0	0	0	75	DISTANCE SURVEYED: 1/4 MILE. DIDN'T GET GOOD
	Ken Durley	Mouth	0	0	0	0	0	LOOK.
		Bay	0	0	0	0	0	
07/17/1966		Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING IN STREAM.
	Mel Morris	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/01/1966		Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING IN STREAM.

	Mel Morris	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/15/1966		Stream		0	0	0	0	0	DISTANCE SURVEYED: ? 7-10,000 CHUMS ALONG BEACH.
	Mel Morris	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/11/1967		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. SURVEY CONDITIONS
	Richard Guthrie	Mouth	G	0	0	0	0	100	GOOD.
		Bay	G	0	0	0	0	0	
07/14/1967		Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. MOUTH AND BAY
	Richard Guthrie	Mouth		0	0	0	0	0	ROUGH.
		Bay		0	0	0	0	0	
07/23/1967		Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. WATER VERY LOW.
	Richard Guthrie	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/28/1967		Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
	Richard Guthrie	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/01/1967		Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. GOOD VISIBILITY,
	Richard Guthrie	Mouth		0	0	0	200	0	PINKS 200 YARDS NORTH BEACH.
		Bay		0	0	0	0	0	
08/09/1967		Stream		0	0	0	0	0	DISTANCE SURVEYED: ?
	Glenn Davenport	Mouth		0	0	0	0	100	
		Bay		0	0	0	0	0	
08/17/1967		Stream		0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD WATER
	Richard Guthrie	Mouth		0	0	0	400	0	LEVEL, NOTHING IN CREEK.
		Bay		0	0	0	0	0	

09/06/1967	Richard Guthrie	Stream		0	0	0	300	100	DISTANCE SURVEYED: ENTIRE AREA. 400 CARCASSES,
		Mouth		0	0	0	0	0	SOME ARE CHUMS (30%).
		Bay		0	0	0	0	0	
07/25/1968	Richard Guthrie	Stream	g						1 MILE SURVEY. MOUTH BLOCKED, WATER QUITE LOW.
		Mouth	g				400		
		Bay							
08/07/1968	Richard Guthrie	Stream	g				30		1 MILE SURVEY. WATER LEVEL FAIR.
		Mouth	g						
		Bay							
08/23/1968	Richard Guthrie	Stream	g				260		1 MILE SURVEY. 15 CARCASSES; FISH SPAWNING.
		Mouth	g						
		Bay							
08/01/1969	Richard Guthrie	Stream	g						1/2 MILE SURVEY. 200 CHUMS ALONG SHORE SOUTH OF MOUTH.
		Mouth	g						
		Bay							
08/14/1969	Richard Guthrie	Stream	g						1/4 MILE SURVEY. SEE 12.10.
		Mouth	g				800		
		Bay							
08/30/1969	Richard Guthrie	Stream	g				150		1/2 MILE SURVEY. WATER LOW.
		Mouth	g						
		Bay							
08/08/1970	Mike Geiger	Stream	p						TURBULENT. POOR VISIBILITY.
		Mouth	p				500		
		Bay							
08/23/1970	Mike Geiger	Stream	p						POOR VISIBILITY. NOTHING SEEN.
		Mouth	p						
		Bay							

07/28/1971	Mike Geiger	Stream Mouth Bay	g		DID NOT SURVEY CREEK.
08/02/1971	Mike Geiger	Stream Mouth Bay	g		DID NOT SURVEY CREEK.
08/12/1971	Mike Geiger	Stream Mouth Bay	p p		1/4 MILE SURVEY. NONE SEEN. VERY TURBULENT. POOR SURVEY.
08/27/1971	Mike Geiger	Stream Mouth Bay	p p		1/4 MILE SURVEY. POOR LIGHT CONDITIONS. POOR SURVEY CONDITIONS.
07/20/1972	Barry Tourp	Stream Mouth Bay	g g		
08/21/1972	Barry Tourp	Stream Mouth Bay	g g	600	
09/03/1972	Barry Tourp	Stream Mouth Bay	g g	50	
07/21/1973	Darrel Van Dyke	Stream Mouth Bay	g		SURVEY OF MOUTH.
07/27/1973	Darrel Van Dyke	Stream Mouth	g		SURVEY OF MOUTH. NO FISH.

Bay

08/21/1973

Glenn Davenport

Stream

Mouth

g

Bay

SURVEY OF MOUTH. NO FISH.

08/03/1974

Robert Dejong

Stream

g

Mouth

g

Bay

1/4 MILE SURVEY.

08/12/1974

Robert Dejong

Stream

g

Mouth

g

Bay

200

SURVEY OF MOUTH. TOO TURBULENT TO FLY STREAM.

07/24/1975

Robert Dejong

Stream

g

Mouth

g

Bay

08/07/1975

Robert Dejong

Stream

g

Mouth

g

Bay

08/12/1975

Glenn Davenport

Stream

g

Mouth

g

Bay

1/8 MILE SURVEY. ADDITIONAL 2,000-3,000 CHUM
250 ALONG BEACHES IN VICINITY OF QUARTZ PT.

08/18/1975

Robert Dejong

Stream

g

Mouth

g

Bay

SURVEY OF MOUTH. 50 AT MOUTH.

08/26/1975

Robert Dejong

Stream

g

Mouth

g

Bay

SURVEY OF MOUTH. MOUTH DRY.

07/22/1976

Stream

g

SURVEY OF MOUTH.

	Robert Dejong	Mouth Bay	g	800	
07/26/1976	Robert Dejong	Stream Mouth Bay	g		SURVEY OF MOUTH.
07/28/1976	Robert Dejong	Stream Mouth Bay	p	100	SURVEY OF MOUTH. POOR VISIBILITY; CHOP ON WATER.
08/06/1976	Robert Dejong	Stream Mouth Bay	g	30	1/2 MILE SURVEY.
			g	100	
08/13/1976	Robert Dejong	Stream Mouth Bay	g	12,500	1/4 MILE SURVEY.
			g		
08/22/1976	Robert Dejong	Stream Mouth Bay	g	150	150 1/4 MILE SURVEY.
			g		50
09/01/1976	Marlin Bricker	Stream Mouth Bay	g		50
			g		
07/19/1977	Unknown	Stream Mouth Bay	g		SURVEY OF BEACH.
			g		
07/22/1977	Tim Jackinsky	Stream Mouth Bay	g	200	SURVEY OF MOUTH.
			g		

07/26/1977	Unknown	Stream	g		SURVEY OF BEACH.
		Mouth	g		
		Bay			
07/28/1977	Tim Jackinsky	Stream	g		SURVEY OF MOUTH.
		Mouth	g		
		Bay			
08/01/1977	Tim Jackinsky	Stream	g		SURVEY OF MOUTH.
		Mouth	g		
		Bay			
08/07/1977	Tim Jackinsky	Stream	g		SURVEY OF MOUTH. NEAR MOUTH OFF BEACH.
		Mouth	g	100	
		Bay			
08/25/1977	Tim Jackinsky	Stream	g	4,000	1/4 MILE SURVEY. PLUS 500 CARCASSES.
		Mouth	g		
		Bay			
09/01/1977	Tim Jackinsky	Stream	g	1,400	1/4 MILE SURVEY. PLUS 2,000 CARCASSES, MOSTLY
		Mouth	g		SCATTERED OFF MOUTH.
		Bay			
07/10/1978	Tim Jackinsky	Stream	g		SURVEY OF MOUTH.
		Mouth	g		
		Bay			
07/14/1978	Tim Jackinsky	Stream	g		SURVEY OF MOUTH.
		Mouth	g		
		Bay			
07/22/1978	Tim Jackinsky	Stream	g		SURVEY OF MOUTH.
		Mouth	g	50	
		Bay			

07/27/1978	Tim Jackinsky	Stream	g		
		Mouth	g	600	SURVEY OF MOUTH.
		Bay			
08/06/1978	Tim Jackinsky	Stream	g		
		Mouth	g	800	SURVEY OF MOUTH. NONE IN CREEK YET.
		Bay			
08/09/1978	Tim Jackinsky	Stream	g		
		Mouth	g	800	SURVEY OF MOUTH.
		Bay			
08/15/1978	Tim Jackinsky	Stream	g	500	1/2 MILE SURVEY.
		Mouth	g		
		Bay			
09/03/1978	Tim Jackinsky	Stream	g	2,500	1/2 MILE SURVEY. 500 DEAD INCLUDED IN TOTAL.
		Mouth	g		
		Bay			
09/06/1980	Tyler Gilmer	Stream	g	100	PLUS 300 PINK CARCASSES.
		Mouth	g		
		Bay			
09/03/1982	Tyler Gilmer	Stream	g		100 200 CARCASSES.
		Mouth	g		
		Bay			
08/21/1983	Tyler Gilmer	Stream	g		NOTHING; TURBULENT.
		Mouth	g		
		Bay			
07/30/1984	Jim Mccullough	Stream	g		
		Mouth	g	150	

		Bay			
08/09/1984		Stream	g		NOTHING.
	Jim Mccullough	Mouth	g		
		Bay			
08/13/1984		Stream	g		
	Jim Mccullough	Mouth	g	50	
		Bay			
09/04/1984		Stream	g	25	PLUS 400 PINK CARCASSES.
	Jim Mccullough	Mouth	g		
		Bay			
07/24/1985		Stream	g		
	Len Schwarz	Mouth	g	50	
		Bay			
08/29/1985		Stream	g	300	250 AN ADDITIONAL 200 CARCASSES.
	Len Schwarz	Mouth	g		
		Bay			
07/24/1986		Stream	g		
	Len Schwarz	Mouth	g	125	
		Bay			
07/24/1987		Stream	g		NOTHING.
	Unknown	Mouth	g		
		Bay			
08/27/1987		Stream	g	200	
	Arnie Shaul	Mouth	g	2,000	
		Bay			
07/28/1988		Stream	g		NOTHING.

	Len Schwarz	Mouth Bay	g					
08/11/1988	Len Schwarz	Stream Mouth Bay	g					NOTHING.
08/17/1988	Len Schwarz	Stream Mouth Bay	g					NOTHING.
09/01/1988	Len Schwarz	Stream Mouth Bay	g					NOTHING.
08/05/1989	Len Schwarz	Stream Mouth Bay	g				10	
08/29/1989	Len Schwarz	Stream Mouth Bay	g				55	AT LEAST 3 TIMES AS MANY ADDITIONAL CARCASSES AS LIVE.
07/28/1990	Jim Mccullough	Stream Mouth Bay	g					GOOD CONDITIONS.
08/29/1990	Jim Mccullough	Stream Mouth Bay	g				400	GOOD CONDITIONS.
							200	
07/28/1991	Jim Mccullough	Stream Mouth Bay	E	0	0	0	0	0 DISTANCE SURVEYED: ENTIRE AREA. EXCELLENT
			E	0	0	0	4,000	0 CONDITIONS.
			E	0	0	0	0	0

08/04/1991		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/11/1991		Stream	G	0	0	0	6,000	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/15/1992		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/20/1992		Stream	G	0	0	0	200	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	0	0	- HELICOPTER SURVEY.
		Bay	G	0	0	0	0	0	
07/28/1993		Stream	F	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. FAIR CONDITIONS.
	Jim Mccullough	Mouth	F	0	0	0	0	20	
		Bay	F	0	0	0	0	0	
08/02/1993		Stream	G	0	0	0	150	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	350	0	
		Bay	G	0	0	0	0	0	
08/07/1993		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	600	0	
		Bay	G	0	0	0	0	0	
08/22/1993		Stream	G	0	0	0	300	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/30/1994		Stream	G	0	0	0	75	0	DISTANCE SURVEYED: ENTIRE STREAM. PLUS 350
	Jim Mccullough	Mouth	G	0	0	0	0	0	SALMON CARCASSES.
		Bay	G	0	0	0	0	0	

07/27/1995		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. NO FISH SEEN.
	Rod Campbell	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/01/1995		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM.
	Jim Mccullough	Mouth	G	0	0	0	100	0	
		Bay	F	0	0	0	0	0	
08/15/1995		Stream	G	0	0	0	200	0	DISTANCE SURVEYED: ENTIRE STREAM.
	Jim Mccullough	Mouth	G	0	0	0	300	0	
		Bay	G	0	0	0	0	0	
08/28/1995		Stream	E	0	0	0	1,500	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL
	Jim Mccullough	Mouth	E	0	0	0	2,500	0	1,500 PINK CARCASSES.
		Bay	G	0	0	0	0	0	
09/13/1995		Stream		0	0	0	2,200	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL
	Jim Mccullough	Mouth		0	0	0	2,000	0	3,000 PINK CARCASSES.
		Bay		0	0	0	0	0	
08/15/1996		Stream	P	0	0	0	1,000	0	DISTANCE SURVEYED: ENTIRE STREAM. POOR
	Jim Cofske	Mouth	P	0	0	0	0	0	CONDITIONS DUE TO LOW LIGHT LEVELS.
		Bay		0	0	0	0	0	
08/23/1996		Stream	P	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. LOW LIGHT AND
	Rod Campbell	Mouth	P	0	0	0	0	0	TURBULENCE. COULD ONLY SEE 175 PINK CARCASSES.
		Bay		0	0	0	0	0	
07/07/1997		Stream							DIST SURVEYED; PARTIAL SURVEY BAY & MOUTH ONLY
	Rod Campbell	Mouth	G	0	0	0	0	300	
		Bay	G	0	0	0	0	0	
07/11/1997		Stream							PARTIAL SURVEY BAY & MOUTH ONLY
	Matt Ford	Mouth	G	0	0	0	0	0	

		Bay	G	0	0	0	0	0	
08/12/1997	Jim Cofske	Stream	G	0	0	0	300	0	DISTANCE SURVEYED: STREAM COVERED WITH OVER GR
		Mouth	G	0	0	0	200	0	
		Bay	G	0	0	0	0	0	
07/14/1998	Rod Campbell	Stream							PARTIAL SURVEY MOUTH ONLY - NO FISH OBSERVED MIN LOW TIDE.
		Mouth	G	0	0	0	0	0	
		Bay							
07/20/1998	Rod Campbell	Stream	G	0	0	0	0	0	UPPER PORTION OF STREAM OVER GROWN WITH VEGET OTHERWISE GOOD CONDITIONS.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/31/1998	Rod Campbell	Stream	G	0	0	0	0	25	
		Mouth	G	0	0	0	0	50	
		Bay	G	0	0	0	0	100	
08/05/1998	Rod Campbell	Stream	F	0	0	0	0	0	TURBULENT.
		Mouth	F	0	0	0	0	100	
		Bay	F	0	0	0	0	0	
09/04/1998	Rod Campbell	Stream	F	0	0	0	0	0	LOW LIGHT - DARK CLOUD OVERHEAD.
		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
07/20/1999	Witteveen	Stream	G						MOUTH ONLY
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/31/1999	Witteveen	Stream	G	0	0	0	50	0	
		Mouth	G	0	0	0	500	0	
		Bay	G	0	0	0	0	0	
08/18/1999		Stream	F	0	0	0	150	0	

09/04/1999	Dan Connolly	Mouth	G	0	0	0	400	0	
		Bay	G	0	0	0	0	0	
	Witteveen	Stream	G	0	0	0	1,500	0	PLUS 4,000 CARCASSES.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

